

Motor Vehicle Body Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
336211, Motor vehicle body manufacturing	2002.. 753	843	41 700	1 453 272	31 294	61 961	958 735	4 253 930	6 594 579	10 865 645	164 330
	2001.. N	N	41 771	1 325 193	30 934	60 214	849 587	3 872 955	6 659 260	10 534 742	319 972
	2000.. N	N	43 844	1 423 886	33 636	66 921	949 615	3 843 881	6 546 752	10 334 902	303 749
	1999.. N	N	43 170	1 374 014	33 786	68 593	944 192	3 825 866	6 779 341	10 520 313	152 676
	1998.. N	N	43 306	1 267 038	32 863	66 373	854 051	2 982 920	6 404 325	9 695 984	135 995
	1997.. 747	808	42 773	1 225 282	32 582	65 628	834 399	2 995 537	6 008 290	9 008 512	228 212

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336211, Motor vehicle body manufacturing												
United States	—	843	367	41 700	1 453 272	31 294	61 961	958 735	4 253 930	6 594 579	10 865 645	164 330
Arizona	—	13	5	591	20 050	476	1 026	13 389	46 870	45 251	91 211	2 594
Arkansas	—	9	4	381	8 191	324	629	5 878	16 270	23 798	39 394	358
California	—	111	40	3 045	120 331	2 334	4 764	79 825	1 714 632	1 530 264	3 244 510	19 274
Florida	—	21	9	2 101	68 772	1 509	2 989	39 746	150 806	178 018	319 142	3 139
Georgia	—	18	7	905	26 184	774	1 530	20 591	69 581	163 696	223 564	990
Illinois	—	25	9	1 372	56 540	947	1 935	33 562	128 924	144 914	276 237	4 241
Kansas	—	15	6	760	28 699	573	1 077	17 994	59 912	187 146	248 132	9 559
Maryland	3	9	3	107	3 514	83	157	2 341	5 717	9 578	15 600	250
Minnesota	—	20	9	1 780	65 765	1 334	2 540	45 969	141 150	438 625	593 888	7 197
Mississippi	1	8	4	297	9 265	228	399	5 888	16 532	21 610	39 184	456
Montana	—	7	2	136	4 238	98	207	2 538	8 948	10 353	19 255	179
Nebraska	—	8	4	307	8 483	241	495	5 354	24 142	38 771	61 502	190
New York	2	42	15	1 237	38 437	916	1 767	25 183	72 358	176 461	243 962	1 853
North Carolina	—	37	17	3 473	135 755	2 668	5 308	94 847	127 346	735 305	876 411	49 927
Ohio	2	41	25	2 177	82 055	1 669	3 146	55 829	146 717	216 964	364 455	5 046
Oregon	8	18	2	155	5 438	121	250	3 615	10 050	15 820	25 827	261
Pennsylvania	1	63	31	3 930	129 757	2 907	5 794	88 665	238 494	424 421	657 999	7 579
Texas	2	42	18	1 494	48 598	1 102	2 228	30 711	125 203	143 499	264 639	3 847
Virginia	5	14	9	526	19 110	355	684	10 136	28 199	50 956	82 135	1 176
Wisconsin	—	22	13	3 083	122 957	2 355	4 734	84 484	260 663	349 479	597 237	7 284

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
336211, Motor vehicle body manufacturing	
Companies ¹	number.. 753
All establishments ²	number.. 843
Establishments with 1 to 19 employees.....	number.. 476
Establishments with 20 to 99 employees.....	number.. 277
Establishments with 100 employees or more.....	number.. 90
All employees ³	number.. 41 700
Total compensation.....	\$1,000.. 1 804 022
Annual payroll.....	\$1,000.. 1 453 272
Total fringe benefits.....	\$1,000.. 350 750
Production workers, average for year.....	number.. 31 294
Production workers on March 12.....	number.. 30 970
Production workers on May 12.....	number.. 31 771
Production workers on August 12.....	number.. 31 569
Production workers on November 12.....	number.. 30 821
Production worker hours.....	1,000.. 61 961
Production worker wages.....	\$1,000.. 958 735
Total cost of materials.....	\$1,000.. 6 594 579
Materials, parts, containers, packaging, etc., used.....	\$1,000.. 6 126 269
Resales.....	\$1,000.. 369 721
Purchased fuels.....	\$1,000.. 17 454
Purchased electricity.....	\$1,000.. 36 471
Contract work.....	\$1,000.. 44 664
Quantity of electricity purchased for heat and power.....	1,000 kWh.. 601 263
Quantity of electricity generated less sold for heat and power.....	1,000 kWh.. S
Total value of shipments.....	\$1,000.. 10 865 645
Primary products value of shipments.....	\$1,000.. 9 499 898
Secondary products value of shipments.....	\$1,000.. 767 578
Total miscellaneous receipts.....	\$1,000.. 598 169
Value of resales.....	\$1,000.. 384 055
Contract receipts.....	\$1,000.. 88 461
Other miscellaneous receipts.....	\$1,000.. 125 653
Primary products specialization ratio.....	percent.. 93
Value of primary products shipments made in all industries.....	\$1,000.. 10 225 806
Value of primary products shipments made in this industry.....	\$1,000.. 9 499 898
Value of primary products shipments made in other industries.....	\$1,000.. 725 908
Coverage ratio.....	percent.. 93
Value added.....	\$1,000.. 4 253 930
Total inventories, beginning of year.....	\$1,000.. 1 317 071
Finished goods inventories.....	\$1,000.. 349 114
Work-in-process inventories.....	\$1,000.. 382 036
Materials and supplies inventories.....	\$1,000.. 585 921
Total inventories, end of year.....	\$1,000.. 1 230 796
Finished goods inventories.....	\$1,000.. 287 465
Work-in-process inventories.....	\$1,000.. 426 549
Materials and supplies inventories.....	\$1,000.. 516 782
Gross value of depreciable assets (acquisition costs) at beginning of year.....	\$1,000.. '1 889 691
Total capital expenditures (new and used).....	\$1,000.. '164 330
Buildings and other structures (new and used).....	\$1,000.. '42 027
Machinery and equipment (new and used).....	\$1,000.. '122 303
Automobiles, trucks, etc., for highway use.....	\$1,000.. '5 746
Computers and peripheral data processing equipment.....	\$1,000.. '13 372
All other expenditures for machinery and equipment.....	\$1,000.. '103 185
Total retirements.....	\$1,000.. '80 200
Gross value of depreciable assets at end of year.....	\$1,000.. '1 973 821
Depreciation charges during year.....	\$1,000.. '118 525
Total rental payments.....	\$1,000.. 85 359
Buildings and other structures.....	\$1,000.. 54 354
Machinery and equipment.....	\$1,000.. 31 005
Total other expenses ⁴	\$1,000.. 376 366
Response coverage ratio ⁵	percent.. 80
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 32 919
Communications services ⁴	\$1,000.. 11 243
Legal services ⁴	\$1,000.. 9 715
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 738
Advertising and promotional services ⁴	\$1,000.. 14 729
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 9 228
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 5 450
Management consulting and administrative services ⁴	\$1,000.. 8 205
Taxes and license fees ⁴	\$1,000.. 16 214
All other expenses ⁴	\$1,000.. 264 926

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336211, Motor vehicle body manufacturing											
All establishments	—	843	41 700	1 453 272	31 294	61 961	958 735	4 253 930	6 594 579	10 865 645	'164 330
Establishments with—											
1 to 4 employees	9	199	461	15 348	341	669	10 116	30 804	48 524	79 370	'1 130
5 to 9 employees	7	150	1 037	36 378	799	1 589	24 074	84 234	111 116	195 338	'2 308
10 to 19 employees	3	127	1 820	63 255	1 306	2 612	39 658	119 239	183 406	306 008	'4 892
20 to 49 employees	2	194	5 992	198 271	4 433	8 735	125 056	419 370	539 548	968 781	'17 334
50 to 99 employees	2	83	5 902	185 047	4 374	8 618	114 796	351 640	574 134	939 634	'12 483
100 to 249 employees	1	56	8 447	276 055	6 425	12 565	180 552	547 503	852 176	1 391 774	'20 431
250 to 499 employees	—	22	7 233	266 331	5 497	10 936	184 281	492 873	1 159 229	1 683 485	'57 386
500 to 999 employees	—	8	5 381	219 606	3 825	8 510	145 024	1 874 417	2 266 190	4 137 335	'32 073
1,000 to 2,499 employees	—	4	5 427	192 981	4 294	7 727	135 178	333 850	860 256	1 163 920	16 293
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	8	289	1 755	61 856	1 351	2 747	41 127	120 086	190 487	310 570	'3 535

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
336211	Motor vehicle body manufacturing	843	41 700	1 453 272	31 294	61 961	958 735	4 253 930	6 594 579	10 865 645	'164 330
3362112	Bus bodies and truck cabs for sale separately	30	5 230	204 331	4 159	8 416	150 635	1 797 839	2 342 964	4 123 705	'31 616
3362114	Van bodies for sale separately	33	3 595	121 101	2 783	5 749	81 923	219 098	516 805	743 321	'9 606
3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	132	9 608	327 082	6 996	13 792	204 415	577 635	829 087	1 420 856	'30 449
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis	36	7 873	278 182	5 686	11 495	186 600	592 157	1 184 487	1 782 279	'60 132
3362119	Other trucks, complete, produced on purchased chassis	98	9 300	318 724	7 023	13 286	200 824	641 498	1 110 192	1 761 274	'20 050

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336211	Motor vehicle body manufacturing	2002.. N 1997.. N	X X	X X	10 225 806 8 290 820
3362112	Bus bodies and truck cabs for sale separately	2002.. N 1997.. N	X X	X X	3 776 967 N
33621121	Bus bodies for sale separately	2002.. N 1997.. N	X X	X X	3 583 626 N
3362112101	School bus bodies for sale separately	2002.. 18 1997.. N	X X	X X	3 450 729 N
3362112103	Other bus bodies for sale separately	2002.. 4 1997.. N	X X	X X	132 897 N
33621122	Truck cabs for sale separately	2002.. N 1997.. N	X X	X X	193 341 N
3362112201	Truck cabs for sale separately	2002.. 14 1997.. N	X X	X X	193 341 N
3362112Y	Bus bodies and truck cabs for sale separately, nsk	2002.. N 1997.. N	X X	X X	— N
3362112YV	Bus bodies and truck cabs for sale separately, nsk	2002.. N 1997.. N	X X	X X	— N
3362114	Van bodies for sale separately	2002.. N 1997.. N	X X	X X	620 594 N
33621141	Van bodies, walk-in, for sale separately	2002.. N 1997.. N	X X	X X	337 610 N
3362114101	Van bodies, walk-in, for sale separately	2002.. 14 1997.. N	X X	X X	337 610 N
33621142	Van bodies with separate cab for sale separately	2002.. N 1997.. N	X X	X X	282 984 N
3362114201	Van bodies, insulated, for sale separately	2002.. 9 1997.. N	X X	X X	64 676 N
3362114203	Van bodies, dry freight, for sale separately	2002.. 18 1997.. N	X X	X X	186 722 N
3362114205	Van bodies, parcel delivery, for sale separately	2002.. 3 1997.. N	X X	X X	26 678 N
3362114211	Other van bodies with separate cab for sale separately	2002.. 4 1997.. N	X X	X X	4 908 N
3362114Y	Van bodies for sale separately, nsk	2002.. N 1997.. N	X X	X X	— N
3362114YV	Van bodies for sale separately, nsk	2002.. N 1997.. N	X X	X X	— N
3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	2002.. N 1997.. N	X X	X X	1 730 454 N
33621151	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	2002.. N 1997.. N	X X	X X	1 728 954 N
3362115101	Tank bodies for sale separately	2002.. 18 1997.. N	X X	X X	60 521 N
3362115103	Front loading garbage and refuse truck bodies (packer-types) for sale separately	2002.. 5 1997.. N	X X	X X	31 216 N
3362115105	Rear loading garbage and refuse truck bodies (packer-types) for sale separately	2002.. 5 1997.. N	X X	X X	74 838 N
3362115107	Side loading garbage and refuse truck bodies (packer-types) for sale separately	2002.. 6 1997.. N	X X	X X	68 811 N
3362115109	Other garbage and refuse truck bodies for sale separately	2002.. 11 1997.. N	X X	X X	37 665 N
3362115111	Beverage truck bodies for sale separately	2002.. 3 1997.. N	X X	X X	D N
3362115113	Dump truck bodies for sale separately	2002.. 49 1997.. N	X X	X X	189 527 N
3362115115	Dump truck lifting mechanisms	2002.. 11 1997.. N	X X	X X	41 003 N
3362115117	Stake and platform truck bodies for sale separately	2002.. 41 1997.. N	X X	X X	67 386 N
3362115119	Utility line service truck bodies for sale separately	2002.. 29 1997.. N	X X	X X	164 300 N
3362115120	Other mobile service type truck bodies for sale separately	2002.. 25 1997.. N	X X	X X	88 242 N
3362115123	Wrecker truck bodies for sale separately	2002.. 4 1997.. N	X X	X X	D N
3362115124	Ambulance and rescue vehicle bodies for sale separately	2002.. 7 1997.. N	X X	X X	27 568 N
3362115125	Light truck (minivan, SUV, pickup truck) and passenger car bodies for sale separately	2002.. 6 1997.. N	X X	X X	D N
3362115127	Kit cars	2002.. 8 1997.. N	X X	X X	18 114 N
3362115133	Motor vehicle fifth wheels, new	2002.. 5 1997.. N	X X	X X	99 933 N
3362115141	All other truck and vehicle bodies for sale separately	2002.. 27 1997.. N	X X	X X	155 635 N
3362115Y	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars), nsk	2002.. N 1997.. N	X X	X X	1 500 N
3362115YV	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars), nsk	2002.. N 1997.. N	X X	X X	1 500 N
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	1 591 182 N
33621171	Buses, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	775 683 N
3362117101	School buses, complete, produced on purchased chassis	2002.. 4 1997.. N	X X	X X	D N
3362117103	Other buses, complete, produced on purchased chassis	2002.. 13 1997.. N	X X	X X	D N

See footnotes at end of table.

Table 6a. Products Statistics: 2002 and 1997—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336211	Motor vehicle body manufacturing—Con.				
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis—Con.				
33621172	Firefighting vehicles, complete, produced on purchased chassis	2002..	N	X	815 499
		1997..	N	X	N
3362117201	Firefighting vehicles, complete, 19,500 lb or less, produced on purchased chassis	2002..	9	X	37 175
		1997..	N	X	N
3362117203	Firefighting vehicles, complete, greater than 19,500 lb, produced on purchased chassis	2002..	20	X	778 324
		1997..	N	X	N
3362117Y	Buses and firefighting vehicles, complete, produced on purchased chassis, nsk	2002..	N	X	—
		1997..	N	X	N
3362117YVV	Buses and firefighting vehicles, complete, produced on purchased chassis, nsk	2002..	N	X	—
		1997..	N	X	N
3362119	Other trucks, complete, produced on purchased chassis	2002..	N	X	1 614 392
		1997..	N	X	N
33621191	Other trucks, complete, produced on purchased chassis	2002..	N	X	1 027 694
		1997..	N	X	N
3362119101	Ambulance and rescue vehicles, complete, produced on purchased chassis	2002..	16	X	165 402
		1997..	N	X	N
3362119103	Vans, complete, produced on purchased chassis	2002..	9	X	86 896
		1997..	N	X	N
3362119105	Tank trucks, complete, produced on purchased chassis	2002..	7	X	D
		1997..	N	X	N
3362119107	Beverage trucks, complete, produced on purchased chassis	2002..	1	X	D
		1997..	N	X	N
3362119109	Dump trucks, complete, produced on purchased chassis	2002..	4	X	D
		1997..	N	X	N
3362119111	Utility line service trucks, complete, produced on purchased chassis	2002..	9	X	110 666
		1997..	N	X	N
3362119113	Other mobile service type trucks, complete, produced on purchased chassis	2002..	13	X	283 402
		1997..	N	X	N
3362119121	All other miscellaneous trucks, complete, produced on purchased chassis, designed primarily for transporting persons or goods	2002..	12	X	96 889
		1997..	N	X	N
3362119123	All other miscellaneous trucks, complete, produced on purchased chassis, not designed primarily for transporting persons or goods	2002..	9	X	244 542
		1997..	N	X	N
33621199	Upfitting	2002..	N	X	486 875
		1997..	N	X	N
3362119901	Upfitting ¹	2002..	62	X	486 875
		1997..	N	X	N
3362119Y	Other trucks, complete, produced on purchased chassis, nsk	2002..	N	X	99 823
		1997..	N	X	N
3362119YVV	Other trucks, complete, produced on purchased chassis, nsk	2002..	N	X	99 823
		1997..	N	X	N
336211W	Motor vehicle body manufacturing, nsk, total	2002..	N	X	892 217
		1997..	N	X	589 478
336211WY	Motor vehicle body manufacturing, nsk, total	2002..	N	X	892 217
		1997..	N	X	589 478
336211WYWW	Motor vehicle body manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	633 521
		1997..	N	X	378 007
336211WYWY	Motor vehicle body manufacturing, nsk, for administrative-record establishments	2002..	N	X	258 696
		1997..	N	X	211 471

¹Data represent receipts from completing trucks by installing and assembling bodies and/or other equipment onto truck chassis by establishments classified in manufacturing. This activity is also conducted at establishments classified in NAICS Sectors 42 and 81.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3362112	Bus bodies and truck cabs for sale separately	
	United States 2002 ..	3 776 967
	..... 1997 ..	N
	Ohio 2002 ..	203 972
	..... 1997 ..	N
	Pennsylvania 2002 ..	61 459
	..... 1997 ..	N
3362114	Van bodies for sale separately	
	United States 2002 ..	620 594
	..... 1997 ..	N
	California 2002 ..	15 724
	..... 1997 ..	N
	Wisconsin 2002 ..	79 468
	..... 1997 ..	N
3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	
	United States 2002 ..	1 730 454
	..... 1997 ..	N
	Arizona 2002 ..	35 835
	..... 1997 ..	N
	Arkansas 2002 ..	15 881
	..... 1997 ..	N
	California 2002 ..	96 842
	..... 1997 ..	N
	Florida 2002 ..	11 508
	..... 1997 ..	N
	Georgia 2002 ..	6 212
	..... 1997 ..	N
	Nebraska 2002 ..	12 255
	..... 1997 ..	N
	New York 2002 ..	26 143
	..... 1997 ..	N
	North Carolina 2002 ..	100 939
	..... 1997 ..	N
	Ohio 2002 ..	72 937
	..... 1997 ..	N
	Pennsylvania 2002 ..	122 391
	..... 1997 ..	N
	Texas 2002 ..	60 200
	..... 1997 ..	N
	Virginia 2002 ..	11 186
	..... 1997 ..	N
	Wisconsin 2002 ..	35 003
	..... 1997 ..	N
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis	
	United States 2002 ..	1 591 182
	..... 1997 ..	N
	California 2002 ..	19 069
	..... 1997 ..	N
	Kansas 2002 ..	137 919
	..... 1997 ..	N
	New York 2002 ..	27 348
	..... 1997 ..	N
3362119	Other trucks, complete, produced on purchased chassis	
	United States 2002 ..	1 614 392
	..... 1997 ..	N
	Arkansas 2002 ..	12 800
	..... 1997 ..	N
	California 2002 ..	125 073
	..... 1997 ..	N
	Florida 2002 ..	11 659
	..... 1997 ..	N
	Georgia 2002 ..	33 422
	..... 1997 ..	N
	Kansas 2002 ..	23 779
	..... 1997 ..	N
	Minnesota 2002 ..	201 604
	..... 1997 ..	N
	Mississippi 2002 ..	6 756
	..... 1997 ..	N
	North Carolina 2002 ..	13 624
	..... 1997 ..	N
	Ohio 2002 ..	104 753
	..... 1997 ..	N
	Pennsylvania 2002 ..	116 563
 1997 ..	N
	Texas 2002 ..	116 279
 1997 ..	N
	Wisconsin 2002 ..	114 805
 1997 ..	N

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Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
336211	Motor vehicle body manufacturing		
00900001	Total materials .....2002..	X	6 126 269
	.....1997..	X	5 586 303
33600001	Purchased chassis for vehicles (excluding passenger cars) .....2002..	X	570 735
	.....1997..	X	500 898
33621103	Truck bodies .....2002..	X	70 894
	.....1997..	X	57 412
33635003	Transmissions and parts .....2002..	X	44 748
	.....1997..	X	65 297
33621101	Car bodies .....2002..	X	D
	.....1997..	X	14 518
33633000	Shocks, struts, and other suspension equipment and parts .....2002..	X	41 966
	.....1997..	X	16 046
33637000	Automotive stampings (including body parts, hubcaps, fenders, etc.) .....2002..	X	D
	.....1997..	X	69 082
33251011	Motor vehicle metal hardware (lock units, door and window handles, hinges, etc.), excluding forgings .....2002..	X	29 126
	.....1997..	X	106 313
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	39 739
	.....1997..	X	35 638
33200091	Other fabricated metal products (excluding forgings) .....2002..	X	95 812
	.....1997..	X	100 875
33210000	Forgings .....2002..	X	D
	.....1997..	X	N
33100035	Castings, rough and semifinished .....2002..	X	47 338
	.....1997..	X	N
00190090	Fluid power products .....2002..	X	162 250
	.....1997..	X	125 009
32621003	Pneumatic tires and inner tubes .....2002..	X	12 061
	.....1997..	X	24 805
32610033	Fabricated plastics products (including components, housings, accessories, etc.), excluding gaskets, hose and belting .....2002..	X	23 766
	.....1997..	X	16 730
32720005	Glass and glass products (including windows and mirrors) .....2002..	X	19 167
	.....1997..	X	26 009
33636003	Seats (purchased separately) for automobiles, trucks, and buses .....2002..	X	35 816
	.....1997..	X	33 732
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product .....2002..	X	49 895
	.....1997..	X	N
33632100	Motor vehicle lighting fixtures (including headlights, taillights, running lights, and dome fixtures), excluding auto lamps .....2002..	X	37 256
	.....1997..	X	29 285
33511003	Automotive lamps (bulbs and sealed beams) .....2002..	X	2 622
	.....1997..	X	4 180
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	41 656
	.....1997..	X	99 598
33120016	Steel sheet and strip (including tinplate) .....2002..	X	107 396
	.....1997..	X	N
33120019	Steel structural shapes and sheet piling (excluding castings, forgings, and fabricated metal products) .....2002..	X	15 993
	.....1997..	X	47 892
33120091	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, structural shapes, and sheet piling) .....2002..	X	44 199
	.....1997..	X	33 640
33131500	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing .....2002..	X	71 687
	.....1997..	X	N
33131601	Aluminum and aluminum-base alloy extruded shapes (extruded rod, bar, pipe, tube, etc.) .....2002..	X	55 320
	.....1997..	X	N
33100049	Other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, extruded shapes, and fabricated metal products) .....2002..	X	12 971
	.....1997..	X	D
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	3 026
	.....1997..	X	D
32100019	Rough and dressed lumber .....2002..	X	41 230
	.....1997..	X	20 005
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	3 104 111
	.....1997..	X	1 312 220
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	1 151 721
	.....1997..	X	2 736 548

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

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